

Please type a plus sign (+) inside this box → +

PTO/SB/05 (03-01)

Approved for use through 10/31/2002 OMB 0651-0032

Patent and Trademark Office U S DEPARTMENT OF COMMERCE

Under the paperwork Reduction Act of 1995, no persons are required to respond to a collection of information unless it displays a valid OMB control number.

UTILITY PATENT APPLICATION TRANSMITTAL

(Only for new nonprovisional applications under 37 CFR 1.53(b))

Attorney Docket No.		GECAN 3196
First Inventor		Mark John DeBlock
Title	METHOD AND APPARATUS FOR SEPARATING ELECTRIC RUNOUT FROM MECHANICAL RUNOUT	
Express Mail Label No.		EL 752187614 US

03/01/02



APPLICATION ELEMENTS		Assistant Commissioner for Patents ADDRESS TO: Box Patent Application Washington, DC 20231
See MPEP chapter 600 concerning utility patent application contents.		
1. <input checked="" type="checkbox"/> Fee Transmittal Form (e.g., PTO/SB/17) <i>(Submit an original, and a duplicate for fee processing)</i>		7. <input type="checkbox"/> CD-ROM or CD-R in duplicate, large table or Computer Program (Appendix)
2. <input type="checkbox"/> Application claims small entity status. <i>See 37 CFR 1.27</i>		8. <input type="checkbox"/> Nucleotide and/or Amino Acid Sequence Submission <i>(If applicable, all necessary)</i>
3. <input checked="" type="checkbox"/> Specification [Total Pages 15] <i>(Preferred arrangement set forth below)</i> <ul style="list-style-type: none"> - Descriptive title of the Invention - Cross References to Related Applications - Statement Regarding Fed sponsored R & D - Reference to sequence listing, a table, or a computer program listing appendix - Background of the Invention - Brief Summary of the Invention - Brief Description of the Drawings (<i>if filed</i>) - Detailed Description - Claim(s) - Abstract of the Disclosure 		a. <input type="checkbox"/> Computer Readable Form (CRF) b. Specification Sequence Listing on: <ul style="list-style-type: none"> i. <input type="checkbox"/> CD-ROM or CD-R (2 copies); or ii. <input type="checkbox"/> Paper c. <input type="checkbox"/> Statements verifying identity of above copies
4. <input checked="" type="checkbox"/> Drawing(s) (35 USC 113) [Total Sheets 4]		9. <input checked="" type="checkbox"/> Assignment Papers (cover sheet & document(s))
5. Oath or Declaration [Total Pages 2]		10. <input type="checkbox"/> 37 CFR 3.73(b) Statement <i>(when there is an assignee)</i> <input type="checkbox"/> Power of Attorney
a. <input checked="" type="checkbox"/> Newly executed (original or copy)		11. <input type="checkbox"/> English Translation Document (<i>if applicable</i>)
b. <input type="checkbox"/> Copy from a prior application (37 CFR 1.63(d)) <i>(for continuation/divisional with Box 18 completed)</i>		12. <input checked="" type="checkbox"/> Information Disclosure Statement (IDS)/PTO-1449 <input type="checkbox"/> Copies of IDS Citations
i. <input type="checkbox"/> <u>DELETION OF INVENTOR(S)</u> <i>Signed statement attached deleting inventor(s) named in the prior application, see 37 CFR 1.63(d)(2) and 1.33(b).</i>		13. <input type="checkbox"/> Preliminary Amendment
6. <input type="checkbox"/> Application Data Sheet. See 37 CFR 1.76		14. <input checked="" type="checkbox"/> Return Receipt Postcard (MPEP 503) <i>(Should be specifically itemized)</i>
		15. <input type="checkbox"/> Certified Copy of Priority Document(s) <i>(If foreign priority is claimed)</i>
		16. <input type="checkbox"/> Nonpublication Request under 35 U.S.C. 122 (b)(2)(B)(i). Applicant must attach form PTO/SB/35 or its equivalent.
		17. <input checked="" type="checkbox"/> Certificate of Express Mail Other: _____

18. If a CONTINUING APPLICATION, check appropriate box, and supply the requisite information below and in a preliminary amendment, or in an Application Data Sheet under 37 CFR 1.76:

 Continuation Divisional Continuation-in-part (CIP)

of prior application No.: _____ /

Prior application information

Examiner: _____

Group/Art Unit: _____

For CONTINUATION OR DIVISIONAL APPS only: The entire disclosure of the prior application, from which an oath or declaration is supplied under Box 5b, is considered a part of the disclosure of the accompanying continuation or divisional application and is hereby incorporated by reference. The incorporation can only be relied upon when a portion has been inadvertently omitted from the submitted application parts.

19. CORRESPONDENCE ADDRESS

<input type="checkbox"/> Customer Number or Bar Code Label	(Insert Custom No. or Attach bar code label here)			<input type="checkbox"/> Correspondence address below	
Name	John S. Beulick				
Address	Armstrong Teasdale LLP				
	One Metropolitan Sq., Suite 2600				
City	St. Louis	State	Missouri	Zip Code	63102
Country	US	Telephone	(314) 621-5070		Fax (314) 621-5065

Name (Print/type)	Thomas M. Fisher	Registration No. (Attorney/Agent)	47,564
Signature			Date March 1, 2002

Burden Hour Statement: This form is estimated to take 0.2 hours to complete. Time will vary depending upon the needs of the individual case. Any comments on the amount of time you are required to complete this form should be sent to the Chief Information Office, Patent and trademark Office, Washington, DC 20231. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Assistant Commissioner for Patents, Box Patent Application, Washington, DC 20231.



3-A-02

A
PATENT
GECAN 3196

CERTIFICATE OF MAILING BY EXPRESS MAIL TO
THE COMMISSIONER OF PATENTS AND TRADEMARKS

Express Mail mailing label number: EL 752187614 US

Date of Mailing: March 1, 2002

I certify that the attached complete utility patent application of **MARK JOHN DeBLOCK** and **W. R. HUGH FIFE** for **METHOD AND APPARATUS FOR SEPARATING ELECTRICAL RUNOUT FROM MECHANICAL RUNOUT**, including:

- Utility Patent Application Transmittal (1 pg.)
- Fee Transmittal (1 pg.), in duplicate
- Nine (9) pages of Specification; Five (5) pages of Claims; One (1) page of Abstract
- Four (4) sheets of drawings
- Declaration and Power of Attorney (2 pgs.)
- Assignment Recordation Form Cover Sheet (1 pg.), in duplicate
- Assignment (2 pgs.)
- Information Disclosure Statement transmittal form (2 pgs.), in triplicate
- Form 1449 Information Disclosure Statement (1 pg.) with attachments AA-AS
- Return post card

is being deposited with the United States Postal Service "Express Mail Post Office to Addressee" service under 37 C.F.R. §1.10 on the date indicated above in an envelope addressed to Box: PATENT APPLICATION, Assistant Commissioner for Patents, Washington, D.C. 20231.

Thomas M. Fisher, Reg. No. 47,564
Armstrong Teasdale LLP
One Metropolitan Square, Suite 2600
St. Louis, MO 63102-2740
(314) 621-5070

03/01/02
JCS 3 U.S. PTO

FEE TRANSMITTAL for FY 2001

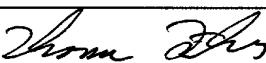
Patent fees are subject to annual revision

Complete If Known

		Application Number	
		Filing Date	
		First Named Inventor	Mark John DeBlock
		Group Art Unit	
		Examiner Name	
TOTAL AMOUNT OF PAYMENT		(\$)	998.00
		Attorney Docket Number	GECAN 3196

JCS 3 U.S. PTO
1040871
03/01/02

METHOD OF PAYMENT (check one)				FEES CALCULATION (continued)																																																																																																																																											
<input checked="" type="checkbox"/> The Commissioner is hereby authorized to charge indicated fees and credit any over payments to: Deposit Account Number <input type="text" value="01-2384"/> Deposit Account Name <input type="text"/>				3 ADDITIONAL FEES <table border="1"> <thead> <tr> <th>Large Entity Fee Code (\$)</th> <th>Small Entity Fee Code (\$)</th> <th>Fee Description</th> <th>Fee Paid</th> </tr> </thead> <tbody> <tr><td>105</td><td>130</td><td>205</td><td>65 Surcharge – late filing fee or oath</td></tr> <tr><td>127</td><td>50</td><td>227</td><td>25 Surcharge-late provisional filing fee or cover sheet</td></tr> <tr><td>139</td><td>130</td><td>139</td><td>130 Non-English specification</td></tr> <tr><td>147</td><td>2520</td><td>147</td><td>2520 For filing a request for ex parte reexamination</td></tr> <tr><td>112</td><td>920*</td><td>112</td><td>920* Requesting publication of SIR prior to Examiner action</td></tr> <tr><td>113</td><td>1840*</td><td>113</td><td>1840* Requesting publication of SIR after Examiner action</td></tr> <tr><td>115</td><td>110</td><td>215</td><td>55 Extension for reply within first month</td></tr> <tr><td>116</td><td>400</td><td>216</td><td>200 Extension for reply within second Month</td></tr> <tr><td>117</td><td>920</td><td>217</td><td>460 Extension for reply within third month</td></tr> <tr><td>118</td><td>1440</td><td>218</td><td>720 Extension for reply within fourth month</td></tr> <tr><td>128</td><td>1960</td><td>228</td><td>980 Extension for reply within fifth month</td></tr> <tr><td>119</td><td>320</td><td>219</td><td>160 Notice of Appeal</td></tr> <tr><td>120</td><td>320</td><td>220</td><td>160 Filing a brief in support of an appeal</td></tr> <tr><td>121</td><td>280</td><td>221</td><td>140 Request for oral hearing</td></tr> <tr><td>138</td><td>1510</td><td>138</td><td>1510 Petition to institute a public use proceeding</td></tr> <tr><td>140</td><td>110</td><td>240</td><td>55 Petition to revive – unavoidable</td></tr> <tr><td>141</td><td>1280</td><td>241</td><td>640 Petition to revive – unintentional</td></tr> <tr><td>142</td><td>1280</td><td>242</td><td>640 Utility issue fee (or reissue)</td></tr> <tr><td>143</td><td>460</td><td>243</td><td>230 Design issue fee</td></tr> <tr><td>144</td><td>620</td><td>244</td><td>310 Plant issue fee</td></tr> <tr><td>122</td><td>130</td><td>122</td><td>130 Petitions to the Commissioner</td></tr> <tr><td>123</td><td>50</td><td>123</td><td>50 Petitions related to provisional applications</td></tr> <tr><td>126</td><td>180</td><td>126</td><td>180 Submission of Information Disclosure Stmt</td></tr> <tr><td>581</td><td>40</td><td>581</td><td>40 Recording each patent assignment per property (times number of properties)</td></tr> <tr><td>146</td><td>740</td><td>246</td><td>370 Filing a submission after a final rejection (37-CFR 1.129(a))</td></tr> <tr><td>149</td><td>740</td><td>249</td><td>370 For each additional invention to be examined (37 CFR 1.129(b))</td></tr> <tr><td>179</td><td>740</td><td>279</td><td>370 Request for Continued Examination (RCE)</td></tr> <tr><td>169</td><td>900</td><td>169</td><td>900 Request for expedited examination of a design application</td></tr> <tr><td colspan="4">Other fee (specify) _____</td></tr> <tr> <td colspan="4" style="text-align: right;">SUBTOTAL (1) <input type="text" value="740.00"/></td> <td colspan="4" style="text-align: right;">*Reduced by Basic Filing Fee Paid SUBTOTAL (3) <input type="text" value="0.00"/></td> </tr> <tr> <td colspan="8">**or number previously paid, if greater, For Reissues, see above</td> </tr> </tbody> </table>				Large Entity Fee Code (\$)	Small Entity Fee Code (\$)	Fee Description	Fee Paid	105	130	205	65 Surcharge – late filing fee or oath	127	50	227	25 Surcharge-late provisional filing fee or cover sheet	139	130	139	130 Non-English specification	147	2520	147	2520 For filing a request for ex parte reexamination	112	920*	112	920* Requesting publication of SIR prior to Examiner action	113	1840*	113	1840* Requesting publication of SIR after Examiner action	115	110	215	55 Extension for reply within first month	116	400	216	200 Extension for reply within second Month	117	920	217	460 Extension for reply within third month	118	1440	218	720 Extension for reply within fourth month	128	1960	228	980 Extension for reply within fifth month	119	320	219	160 Notice of Appeal	120	320	220	160 Filing a brief in support of an appeal	121	280	221	140 Request for oral hearing	138	1510	138	1510 Petition to institute a public use proceeding	140	110	240	55 Petition to revive – unavoidable	141	1280	241	640 Petition to revive – unintentional	142	1280	242	640 Utility issue fee (or reissue)	143	460	243	230 Design issue fee	144	620	244	310 Plant issue fee	122	130	122	130 Petitions to the Commissioner	123	50	123	50 Petitions related to provisional applications	126	180	126	180 Submission of Information Disclosure Stmt	581	40	581	40 Recording each patent assignment per property (times number of properties)	146	740	246	370 Filing a submission after a final rejection (37-CFR 1.129(a))	149	740	249	370 For each additional invention to be examined (37 CFR 1.129(b))	179	740	279	370 Request for Continued Examination (RCE)	169	900	169	900 Request for expedited examination of a design application	Other fee (specify) _____				SUBTOTAL (1) <input type="text" value="740.00"/>				*Reduced by Basic Filing Fee Paid SUBTOTAL (3) <input type="text" value="0.00"/>				**or number previously paid, if greater, For Reissues, see above							
Large Entity Fee Code (\$)	Small Entity Fee Code (\$)	Fee Description	Fee Paid																																																																																																																																												
105	130	205	65 Surcharge – late filing fee or oath																																																																																																																																												
127	50	227	25 Surcharge-late provisional filing fee or cover sheet																																																																																																																																												
139	130	139	130 Non-English specification																																																																																																																																												
147	2520	147	2520 For filing a request for ex parte reexamination																																																																																																																																												
112	920*	112	920* Requesting publication of SIR prior to Examiner action																																																																																																																																												
113	1840*	113	1840* Requesting publication of SIR after Examiner action																																																																																																																																												
115	110	215	55 Extension for reply within first month																																																																																																																																												
116	400	216	200 Extension for reply within second Month																																																																																																																																												
117	920	217	460 Extension for reply within third month																																																																																																																																												
118	1440	218	720 Extension for reply within fourth month																																																																																																																																												
128	1960	228	980 Extension for reply within fifth month																																																																																																																																												
119	320	219	160 Notice of Appeal																																																																																																																																												
120	320	220	160 Filing a brief in support of an appeal																																																																																																																																												
121	280	221	140 Request for oral hearing																																																																																																																																												
138	1510	138	1510 Petition to institute a public use proceeding																																																																																																																																												
140	110	240	55 Petition to revive – unavoidable																																																																																																																																												
141	1280	241	640 Petition to revive – unintentional																																																																																																																																												
142	1280	242	640 Utility issue fee (or reissue)																																																																																																																																												
143	460	243	230 Design issue fee																																																																																																																																												
144	620	244	310 Plant issue fee																																																																																																																																												
122	130	122	130 Petitions to the Commissioner																																																																																																																																												
123	50	123	50 Petitions related to provisional applications																																																																																																																																												
126	180	126	180 Submission of Information Disclosure Stmt																																																																																																																																												
581	40	581	40 Recording each patent assignment per property (times number of properties)																																																																																																																																												
146	740	246	370 Filing a submission after a final rejection (37-CFR 1.129(a))																																																																																																																																												
149	740	249	370 For each additional invention to be examined (37 CFR 1.129(b))																																																																																																																																												
179	740	279	370 Request for Continued Examination (RCE)																																																																																																																																												
169	900	169	900 Request for expedited examination of a design application																																																																																																																																												
Other fee (specify) _____																																																																																																																																															
SUBTOTAL (1) <input type="text" value="740.00"/>				*Reduced by Basic Filing Fee Paid SUBTOTAL (3) <input type="text" value="0.00"/>																																																																																																																																											
**or number previously paid, if greater, For Reissues, see above																																																																																																																																															
1. BASIC FILING FEE																																																																																																																																															
Large Entity Fee Code (\$)	Small Entity Fee Code (\$)	Fee Description		Fee Paid																																																																																																																																											
101	740	201	370	Utility Filing Fee	<input type="text" value="740.00"/>																																																																																																																																										
106	330	206	165	Design Filing Fee	<input type="text"/>																																																																																																																																										
107	510	207	255	Plant Filing Fee	<input type="text"/>																																																																																																																																										
108	740	208	370	Reissue filing Fee	<input type="text"/>																																																																																																																																										
114	160	214	80	Provisional Filing Fee	<input type="text"/>																																																																																																																																										
SUBTOTAL (1) <input type="text" value="740.00"/>																																																																																																																																															
2. EXTRA CLAIM FEES																																																																																																																																															
Total Claims	25	-20*	5	x 18	= 90.00																																																																																																																																										
Independent Claims	5	-3*	2	x 84	= 168.00																																																																																																																																										
Multiple Dependant				x	=																																																																																																																																										
Large Entity Fee Code (\$)	Small Entity Fee Code (\$)	Fee Description		Fee Paid																																																																																																																																											
103	18	203	9	Claims in excess of 20	<input type="text"/>																																																																																																																																										
102	84	202	42	Independent claims in excess of 3	<input type="text"/>																																																																																																																																										
104	280	204	140	Multiple dependent claim, if not paid	<input type="text"/>																																																																																																																																										
109	84	209	42	**Reissue independent claims over original patent	<input type="text"/>																																																																																																																																										
110	18	210	9	**Reissue claims in excess of 20 and over original patent	<input type="text"/>																																																																																																																																										
SUBTOTAL (2) <input type="text" value="258.00"/>																																																																																																																																															

SUBMITTED BY				Complete (if applicable)	
Name (Print/Type)	Thomas M. Fisher	Registration No. (Attorney/Agent)	47,564	Telephone	(314) 621-5070
Signature				Date	March 1, 2002

WARNING: Information on this form may become public. Credit card information should not be included on this form. Provide credit card information and authorization on PTO-2038.

Burden Hour Statement. This form is estimated to take 0.2 hours to complete. Time will vary depending upon the needs of the individual case. Any comments on the amount of time you are required to complete this form should be sent to the Chief Information Office, Patent and Trademark Office, Washington, DC 20231. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Assistant Commissioner for Patents, Washington, DC 20231.